

## EAST Search History

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|---|------------------|---------|---------------------|
| S1    | 1     | 10/696788   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/23<br>11:41 |
| S2    | 35    | ("20060100775"  <br>"5404661"   "5438771"<br>  "5754846"  <br>"5928309"   "5987383"<br>  "6028550"  <br>"6182007"   "6199000"<br>  "6236916"  <br>"6286606"   "6360169"<br>  "6463374"  <br>"6553299"   "6606542"<br>  "6711838").PN. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/23<br>11:42 |
| S3    | 16    | ("20060100775"  <br>"5404661"   "5438771"<br>  "5754846"  <br>"5928309"   "5987383"<br>  "6028550"  <br>"6182007"   "6199000"<br>  "6236916"  <br>"6286606"   "6360169"<br>  "6463374"  <br>"6553299"   "6606542"<br>  "6711838").PN. | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2008/05/23<br>11:43 |
| S4    | 24    | ((SHUFENG) near2<br>(HAN)).INV.   | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2008/05/23<br>11:45 |
| S5    | 502   | ((JOHN) near2 (REID)).<br>INV.  | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2008/05/23<br>11:46 |
| S6    | 42    | ((TERENCE) near2<br>(PICKETT)).INV.   | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2008/05/23<br>11:46 |
| S7    | 59    | diacou.xa.  | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2008/05/23<br>11:47 |
| S8    | 46293 | ("56" "460").clas.  | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2008/05/23<br>11:48 |
| S9    | 2     | S7 and S8   | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2008/05/23<br>11:48 |

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|-----|---------|--|---------------------------|----|----|---------------------|
| S10 | 38      | ("20010025441"  <br>"20020107624"  <br>"20020107625"  <br>"20020108509"  <br>"20020112617"  <br>"20020116107"  <br>"20020160822"  <br>"20020174781"  <br>"20030005603"  <br>"20030014171"  <br>"20050004737"  <br>"20050176483"  <br>"20060021316"  <br>"20060069485"  <br>"2113666"   "2124965"<br>  "3552396"  <br>"3704459"   "3793512"<br>  "3803574"  <br>"3806734"   "3858443"<br>  "4253472"  <br>"4283722"   "4415888"<br>  "4483128"  <br>"4776442"   "4944379"<br>  "5017912"  <br>"5090307"   "5558282"<br>  "6539851"  <br>"6556143"   "6601372"<br>  "6637179"  <br>"7062368").PN. OR<br>("7324882"  <br>"7324883").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/05/23<br>11:48 |
| S11 | 457949  | ("180" "280" "340"<br>"700" "701" "702").<br>clas.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/05/23<br>11:51 |
| S12 | 62      | (S8 S11) and (S4 S5<br>S6)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/05/23<br>11:51 |
| S14 | 1359    | 701/50.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/05/23<br>13:17 |
| S15 | 68062   | pitch and roll   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/05/23<br>13:18 |
| S16 | 1277783 | elevation  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/05/23<br>13:18 |
| S17 | 16799   | (S14 "8") and S15 and<br>S16   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/05/23<br>13:18 |
| S18 | 60942   | gps!   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/05/23<br>13:18 |
| S19 | 922     | S17 and S18  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/05/23<br>13:19 |
| S20 | 24      | S14 and S19  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/05/23<br>13:19 |

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|-----|-------|---|--|----|----|---------------------|
| S21 | 16    | ("20060100775"  <br>"5404661"   "5438771"<br>  "5754846"  <br>"5928309"   "5987383"<br>  "6028550"  <br>"6182007"   "6199000"<br>  "6236916"  <br>"6286606"   "6360169"<br>  "6463374"  <br>"6553299"   "6606542"<br>  "6711838").PN. | US-PGPUB;<br>USPAT                                 | OR | ON | 2008/05/23<br>13:19 |
| S22 | 15    | S20 not S21   | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2008/05/23<br>13:19 |
| S23 | 1288  | 56/208-217.ccls.  | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2008/05/23<br>13:27 |
| S24 | 13861 | 56/10.1-17.6.ccls.  | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2008/05/23<br>13:27 |
| S25 | 16095 | S14 S23 S24   | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2008/05/23<br>13:28 |
| S26 | 24    | S15 and S16 and S18<br>and S25  | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2008/05/23<br>13:28 |
| S27 | 24    | S15 and S16 and S18<br>and S25  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/05/23<br>13:29 |
| S28 | 77521 | pitch and roll  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/05/23<br>13:29 |
| S29 | 108   | (S23 S24) and S18   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/05/23<br>13:30 |
| S30 | 82529 | S15 adn S29   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/05/23<br>13:30 |
| S31 | 4     | S15 and S29   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/05/23<br>13:30 |
| S32 | 241   | 56/209.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/05/23<br>13:32 |
| S33 | 55    | 56/212.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/05/23<br>13:33 |

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|-----|---------|---|---|----|----|---------------------|
| S34 | 15      | 56/213.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT      | OR | ON | 2008/05/23<br>13:33 |
| S35 | 1849794 | roll pitch (lateral near2<br>(angle aspect slope))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT      | OR | ON | 2008/05/23<br>14:04 |
| S36 | 0       | eastimat\$ with S35   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT      | OR | ON | 2008/05/23<br>14:05 |
| S37 | 6784    | estimat\$ with S35  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT      | OR | ON | 2008/05/23<br>14:05 |
| S38 | 10391   | 701/200-217.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT      | OR | ON | 2008/05/23<br>14:06 |
| S39 | 83      | (S14 S23 S24 S38) and<br>S37  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT      | OR | ON | 2008/05/23<br>14:06 |
| S40 | 2       | "6182007".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/23<br>14:32 |
| S41 | 20      | (US-20030187560-\$ or<br>US-20050197755-\$ or<br>US-20010029417-\$ or<br>US-20020022924-\$ or<br>US-20040102900-\$ or<br>US-20050102072-\$ or<br>US-20070271013-\$).<br>did. or (US-6052647-\$<br>or US-6112145-\$ or US-<br>6236916-\$ or US-<br>2801511-\$ or US-<br>4416109-\$ or US-<br>4707971-\$ or US-<br>5415586-\$ or US-<br>5534875-\$ or US-<br>5860480-\$ or US-<br>5928309-\$ or US-<br>5987371-\$ or US-<br>6275758-\$ or US-<br>6445983-\$).did. | US-PGPUB;<br>USPAT                                      | OR | ON | 2008/05/23<br>15:03 |
| S42 | 68062   | pitch and roll  | US-PGPUB;<br>USPAT; USOCR                               | OR | ON | 2008/05/23<br>15:08 |

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|-----|---------|---|--|------|----|---------------------|
| S43 | 1277783 | elevation   | US-PGPUB;<br>USPAT; USOCR                          | OR   | ON | 2008/05/23<br>15:08 |
| S44 | 60942   | gps!  | US-PGPUB;<br>USPAT; USOCR                          | OR   | ON | 2008/05/23<br>15:08 |
| S45 | 1849794 | roll pitch (lateral near2<br>(angle aspect slope))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR   | ON | 2008/05/23<br>15:08 |
| S46 | 6784    | estimat\$ with S45  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR   | ON | 2008/05/23<br>15:08 |
| S47 | 17      | (S42 S43 S44 S45 S46)<br>and S41  | US-PGPUB;<br>USPAT; USOCR                          | OR   | ON | 2008/05/23<br>15:08 |
| S48 | 16      | ("20060100775"  <br>"5404661"   "5438771"<br>  "5754846"  <br>"5928309"   "5987383"<br>  "6028550"  <br>"6182007"   "6199000"<br>  "6236916"  <br>"6286606"   "6360169"<br>  "6463374"  <br>"6553299"   "6606542"<br>  "6711838").PN. | US-PGPUB;<br>USPAT                                 | OR   | ON | 2008/05/23<br>15:55 |
| S49 | 1       | 10/696788   | US-PGPUB;<br>USPAT                                 | OR   | ON | 2008/05/23<br>16:38 |
| S50 | 0       | sin ". THETA." cos ".<br>PSI."  | US-PGPUB;<br>USPAT                                 | WITH | ON | 2008/05/23<br>16:39 |
| S51 | 0       | arc?sin with sin with<br>cos  | US-PGPUB;<br>USPAT                                 | WITH | ON | 2008/05/23<br>16:39 |

5/ 25/ 2008 2:30:57 PM

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